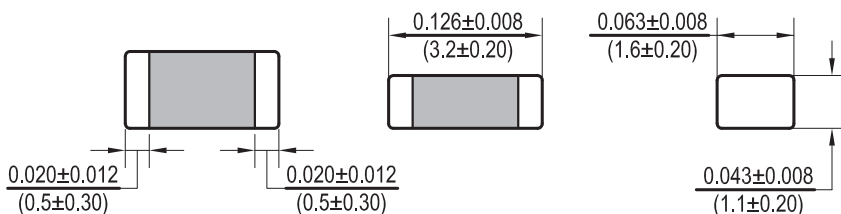




Ultra Current Beads UCB20



Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Impedance (Ω) @ 100MHz +/- 25%	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. (Ω)	Rated Current (mA)Max
UCB20-110-RC	11	30	100	.012	6000
UCB20-190-RC	19	30	100	.012	6000
UCB20-260-RC	26	30	100	.012	6000
UCB20-300-RC	30	30	100	.012	6000
UCB20-320-RC	32	30	100	.012	6000
UCB20-330-RC	33	30	100	.012	6000
UCB20-400-RC	40	30	100	.012	6000
UCB20-480-RC	48	30	100	.012	6000
UCB20-500-RC	50	30	100	.012	6000
UCB20-600-RC	60	30	100	.012	6000
UCB20-680-RC	68	30	100	.012	6000
UCB20-700-RC	70	30	100	.012	6000
UCB20-800-RC	80	30	100	.012	6000
UCB20-900-RC	90	30	100	.012	6000
UCB20-101-RC	100	30	100	.012	6000
UCB20-121-RC	120	30	100	.012	6000
UCB20-151-RC	150	30	100	0.02	4500
UCB20-161-RC	160	30	100	0.02	4500
UCB20-181-RC	180	30	100	0.02	4500
UCB20-221-RC	220	30	100	0.02	4500

Features

- Ultra High Current
- Standard 1206 size
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

Electrical

Impedance range: 11 Ω to 220 Ω

Tolerance: 30% over entire range

Operating Temp: -55 $^{\circ}$ C ~ +125 $^{\circ}$ C

Rated Current: The current at which the temperature rise shall be no more than 30 $^{\circ}$ C. Also, the rated current is de-rated above 85 $^{\circ}$ C to approximately 1000mA at 125 $^{\circ}$ C

Resistance to Solder Heat

Pre-Heat 150 $^{\circ}$ C, 1 minute

Solder Composition: Sn/Ag3.0/Cu0.5(Pb-Free)

Solder Temp: 260 $^{\circ}$ C peak for 10 sec. \pm 1 sec.

Test Equipment

(Z): HP4291A RF Impedance/Material Analyzer

(RDC): Chen Hwa 502BC/HP4338B

Physical

Packaging: 3000 pieces per 7 inch reel

Marking: None

All specifications subject to change without notice.